



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/656,746
		Filing Date	September 4, 2003
		First Named Inventor	Kanbe, Tetsuya
		Art Unit	Unassigned
		Examiner Name	Unassigned
Total Number of Pages in This Submission		Attorney Docket Number	16869G-086800US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP David N. Slone	Reg. No. 28,572
Signature		
Date	January 5, 2004	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	M. Diane Dubé		
Signature		Date	January 5, 2004



PATENT
Attorney Docket No.: 16869G-086800US
Client Reference No.: 340201353

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TETSUYA KANBE et al.

Application No.: 10/656,746

Filed: September 4, 2003

For: MAGNETIC RECORDING
MEDIUM AND MAGNETIC
RECORDING APPARATUS

Examiner: Unassigned

Art Unit: Unassigned

**INFORMATION DISCLOSURE
STATEMENT UNDER
37 CFR §1.97 and §1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Respectfully submitted,

David Slone

David N. Slone
Reg. No. 28,572

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 650-326-2400 / Fax: 650-326-2422
DNS:dd
60059685 v1



Substitute for form 1449A/PTO				Complete if Known	
				Application Number	10/656,746
				Filing Date	September 4, 2003
				First Named Inventor	Tetsuya Kanbe
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	2	Attorney Docket Number	16869G-086800US

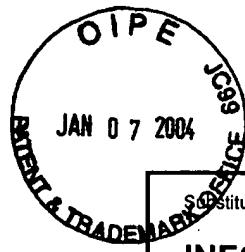
U.S. PATENT DOCUMENTS+						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1	US-5,830,584		11-03-1998	Chen et al.	
	2	US-5,693,426		12-02-1997	Lee et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	3	JP	2001-209927		08-03-2001	Asahi Komagu KK		<input checked="" type="checkbox"/>
	4	JP	08-212531		08-20-1996	Hitachi Ltd.		<input checked="" type="checkbox"/>
	5	JP	04-188427		07-07-1992	Sumitomo Metal Mining Co. Ltd.		abstract only

Examiner Signature	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

60059685 v1



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PTO/SB/08B (08-03)

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Sheet	2	of	2	Application Number	10/656,746
				Filing Date	September 4, 2003
				First Named Inventor	Kanbe, Tetsuya
				Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	16869G-086800US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	6	ABARRA et al., "Longitudinal magnetic recording media with thermal stabilization layers," Appl. Phys. Lett. 77:2581-2583 (2000).		
	7	FULLERTON et al., "Antiferromagnetically coupled magnetic media layers for thermally stable high-density recording," Appl. Phys. Lett. 77:3806-3808 (2000).		
	8	LEE et al. "MgO seed layers for CoCrPt/Cr longitudinal magnetic recording media," Appl. Phys. Lett. 67:3638-3640 (1995).		

Examiner Signature	Date Considered
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.